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U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

Our Docket No.: N247.12-0041 Date: November 12, 2003

First Named Inventor: James M. Daughton

Title: MAGNETIC MEMORY LAYERS THERMAL PULSE
TRANSITIONS

Express Mail No.: EV 302261965

EV302261965US

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APPLICATION ELEMENTS

Commissioner for Patents

ADDRESS TO: P.O. Box 1450
Alexandria, VA 22313-1450

1. Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status

3. Specification Total Pages [77]

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed. Sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure

4. Drawings (35 U.S.C. 113) Total Sheets [24]

5. Oath or Declaration Total Pages [2]

- a. Newly Executed (original or copy)
- b. Copy from a prior application (37 C.F.R. 1.63(d) - for continuation/divisional with Box 18 completed)

[Mark Box 5 below]

I. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b)

6. Application Data Sheet. See 37 CFR 1.76.

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(*If applicable, all necessary*)

- a. Computer Readable Copy (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies; or
 - ii. Paper
- c. Statements verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 C.F.R. 3.73(b) Submission

Power of Attorney

11. English Translation Document (*if applicable*)

12. Information Disclosure Statement with copies of Citations as necessary

13. Preliminary Amendment Total Pages []

14. Return Receipt Postcard (*Should be specifically itemized*)

15. Certified Copy of Priority document(s) (*If foreign priority is claimed*)

16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Application must attach form PTO/SB/35 or its equivalent

17. Other

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Division Continuation-in-part (CIP) of prior Application No.

Prior Application Information: Examiner _____ Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

ATTY NAME AND REG. NO.	Theodore F. Neils 26,316	SIGNATURE: 
ADDRESS	Kinney & Lange, P.A. THE KINNEY & LANGE BUILDING 312 South Third Street Minneapolis, MN 55415-1002	
TELEPHONE	(612) 339-1863 FAX: (612) 339-6580	